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potent factors in awakening the community conscience to the importance of the protection of health and the maintaining of orderly, wholesome cities.

When the people in a community desire sufficiently to have good schools, or good roads, or efficient police protection they have no difficulty in getting them. When they desire health protection and the prevention of disease these are as readily obtainable.

VACCINATION.

A RECORD OF THE VACCINATION OF CERTAIN EMPLOYEES OF THE EXECUTIVE DEPARTMENTS IN WASHINGTON.

By BENJAMIN S. WARREN, Surgeon, United States Public Health Service.

During the year ended June 30, 1913, 1,271 employees of the executive departments in the District of Columbia were vaccinated under the supervision of the United States Public Health Service. The records of 1,226 of these are more or less complete and are of interest in that they show the number of "takes." For 576 the records are complete as to name, sex, whether this was a primary or secondary vaccination, with year of previous vaccination in most cases, date of this vaccination, and results.

Information of the results in these cases was obtained by certification made by each employee to the head of the office in which he was employed after notice had been given that the information was wanted for scientific reasons and that no further vaccination was contemplated where the operation was not successful. All were civil-service employees, for the most part occupying high-class clerical positions.

The vaccinations were done under favorable conditions. Gauze previously sterilized and moistened with 95 per cent alcohol was used to clean the site of operation. The ivory vaccine points were used to scarify the skin, and the virus was applied and allowed to dry in the presence of the operators, after which a piece of sterilized gauze was used as a dressing and held in place by two short strips of one-half inch wide zinc-oxide plaster. While this was being applied, the operators gave general directions as to future care in case of a "take."

The record of 650 is incomplete as to previous vaccination, and information as to whether the vaccination was successful was obtained by personal inquiry of those vaccinated by two of the physicians who assisted in the vaccination and under such conditions that it is believed the accuracy of the answers may be depended upon.

The following table is a summary of the records of all cases:

	Successful.	Unsuccess- ful.
Primary vaccinations.....	48	1
Secondary vaccinations.....	425	102
Total.....	473	103
No data as to previous vaccination.....	476	174
Total.....	949	277
Percentage.....	77.4	22.6

BIRTH AND DEATH REGISTRATION.

Results Being Obtained in Texas.

Dr. R. P. Babcock, secretary of the Texas State Board of Health and State registrar, states that his department is much encouraged with the results being obtained in the registration of births and deaths in the State; that he estimates that 87 per cent of the deaths and 85 per cent of the births are being recorded; that out of 593 city and county registrars fairly satisfactory returns are being received from all except about 30. Dr. Babcock explains that the present results have been brought about during the past two years and a half without any prosecutions being engaged in by his department, although actions of this nature have been taken by the local authorities in some of the larger cities. The work of the State registrar's office has been entirely along educational lines by means of personal letters to physicians, undertakers, hospitals, and local registrars and articles published in newspapers and in the monthly bulletin of the State board of health.